SEQUENCE LISTING

<110> Walke, D. Wade
       Wilganowski, Nathaniel L.
       Donoho, Gregory
       Turner, C. Alexander Jr.

<210> 1
<211> 654
<212> DNA
<213> Homo sapien

<400> 1

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ctaccttttg atgtttttcca aatcctggac ggaaacacaa agtgtttat  aagtggctgg     240
ggaagaacaa aagaagaagg taacgctaca aatattttac aagatgcaga agtgcattat     300
attttctgag agatgtgtaa ttctgagagg agttatgggg gaataattcc taacacttca     360
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catggctgtg gtcgaagagg tttttcctggt gtctatattg ggccatcctt ctaccaaaag     540
tggctgacag agcatttctt ccatgcaagc actcaaggca tacttactat aaatatttta     600
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<210> 2
<211> 217
<212> PRT
<213> Homo sapien

<400> 2

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His Thr Lys Lys Ile Lys Ile Lys Ala Ile Ile Ile His Pro Asn Phe
            20                  25                  30
Ile Leu Gly Ser Tyr Val Asn Asp Ile Ala Leu Phe His Leu Lys Lys
        40                  45
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Gly Gly Ile Ile Pro Asn Thr Ser Phe Cys Ala Gly Asp Glu Asp Gly
    115                    120                    125

Ala Phe Asp Thr Cys Arg Gly Asp Ser Gly Gly Pro Leu Met Cys Tyr
    130                    135                    140

Leu Pro Glu Tyr Lys Arg Phe Phe Val Met Gly Ile Thr Ser Tyr Gly
145                150                    155                    160

His Gly Cys Gly Arg Arg Gly Phe Pro Gly Val Tyr Ile Gly Pro Ser
                165                    170                    175

Phe Tyr Gln Lys Trp Leu Thr Glu His Phe Phe His Ala Ser Thr Gln
                180                    185                    190

Gly Ile Leu Thr Ile Asn Ile Leu Arg Gly Gln Ile Leu Ile Ala Leu
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Cys Phe Val Ile Leu Leu Ala Thr Thr
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<210> 3
<211> 1047
<212> DNA
<213> Homo sapien

<400> 3
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<210> 4
<211> 349
<212> PRT
<213> Homo sapien

<400> 4
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                    85                    90                    95
Ile Lys Tyr Gly Arg Val Leu Val His Val Cys Gly Gly Thr Leu Val
                    100                   105                   110
Arg Glu Arg Trp Val Leu Thr Ala Ala His Cys Thr Lys Asp Ala Ser
                    115                   120                   125
Asp Pro Leu Met Trp Thr Ala Val Ile Gly Thr Asn Asn Ile His Gly
                    130                   135                   140
Arg Tyr Pro His Thr Lys Lys Ile Lys Ile Lys Ala Ile Ile Ile His
145                   150                   155                   160
Pro Asn Phe Ile Leu Glu Ser Tyr Val Asn Asp Ile Ala Leu Phe His
                    165                   170                   175
Leu Lys Lys Ala Val Arg Tyr Asn Asp Tyr Ile Gln Pro Ile Cys Leu
                    180                   185                   190
Pro Phe Asp Val Phe Gln Ile Leu Asp Gly Asn Thr Lys Cys Phe Ile
                    195                   200                   205
Ser Gly Trp Gly Arg Thr Lys Glu Glu Gly Asn Ala Thr Asn Ile Leu
                    210                   215                   220
Gln Asp Ala Glu Val His Tyr Ile Ser Arg Glu Met Cys Asn Ser Glu
225                   230                   235                   240
Arg Ser Tyr Gly Gly Ile Ile Pro Asn Thr Ser Phe Cys Ala Gly Asp
                    245                   250                   255
Glu Asp Gly Ala Phe Asp Thr Cys Arg Gly Asp Ser Gly Gly Pro Leu
                    260                   265                   270
Met Cys Tyr Leu Pro Glu Tyr Lys Arg Phe Phe Val Met Gly Ile Thr
                    275                   280                   285
Ser Tyr Gly His Gly Cys Gly Arg Arg Gly Phe Pro Gly Val Tyr Ile
                    290                   295                   300
Gly Pro Ser Phe Tyr Gln Lys Trp Leu Thr Glu His Phe Phe His Ala
305                   310                   315                   320
Ser Thr Gln Gly Ile Leu Thr Ile Asn Ile Leu Arg Gly Gln Ile Leu
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<210> 6
<211> 867
<212> DNA
<213> Homo sapiens

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aatatacatg gacactatcc tcataccaat aagataaaaa ttaaagcaat cattatcat
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<210> 6
<211> 288
<212> PRT
<213> Homo sapien

<400> 6

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            20   25   30
Val Ser Leu Gln Ile Lys Tyr Gly Arg Val Leu Val His Val Cys Gly
        35   40   45
Gly Thr Leu Val Arg Glu Arg Trp Val Leu Thr Ala Ala His Cys Thr
    50   55   60
Lys Asp Ala Ser Asp Pro Leu Met Trp Thr Ala Val Ile Gly Thr Asn
65   70   75   80
Asn Ile His Gly Arg Tyr Pro His Thr Lys Lys Ile Lys Ile Lys Ala
                85   90   95
Ile Ile Ile His Pro Asn Phe Ile Leu Glu Ser Tyr Val Asn Asp Ile
                100   105   110
Ala Leu Phe His Leu Lys Lys Ala Val Arg Tyr Asn Asp Tyr Ile Gln
        115   120   125
Pro Ile Cys Leu Pro Phe Asp Val Phe Gln Ile Leu Asp Gly Asn Thr
    130   135   140
Lys Cys Phe Ile Ser Gly Trp Gly Arg Thr Lys Glu Glu Gly Asn Ala
145   150   155   160
Thr Asn Ile Leu Gln Asp Ala Glu Val His Tyr Ile Ser Arg Glu Met
                165   170   175
Cys Asn Ser Glu Arg Ser Tyr Gly Gly Ile Ile Pro Asn Thr Ser Phe
                180   185   190
Cys Ala Gly Asp Glu Asp Gly Ala Phe Asp Thr Cys Arg Gly Asp Ser
        195   200   205
Gly Gly Pro Leu Met Cys Tyr Leu Pro Glu Tyr Lys Arg Phe Phe Val
    210   215   220
Met Gly Ile Thr Ser Tyr Gly His Gly Cys Gly Arg Arg Gly Phe Pro
225   230   235   240
Gly Val Tyr Ile Gly Pro Ser Phe Tyr Gln Lys Trp Leu Thr Glu His
                245   250   255
Phe Phe His Ala Ser Thr Gln Gly Ile Leu Thr Ile Asn Ile Ile Arg
                260   265   270
Gly Gly Ile Leu Ile Ala Leu Cys Phe Val Ile Leu Leu Ala Thr Ile
                275   280   285

<210> 7
<211> 1286
<212> DNA
<213> Homo sapien

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gtgggggaac cctagtgaga gagaggtggg tcctcacagc tgcccactgc actaaagacg    480
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acagtggggg accattaatg tgctacttac cagaatataa aagattttt gtaatgggaa    900
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ccttctacca aaagtggctg acagagcatt tcttccatgc aagcactcaa ggcatactta   1080
ctataaatat tttacgtggc cagatcctca tagctttatg ttttgtcatc ttactagcaa   1140
caacataaag aaattctgaa ggctttcata tctttatttt gcattgtgtc cctttctatg   1200
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tgtgaacatt ttatgggcta taaata                                        1286
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